

MOTYNGA, I.; BALOV, V., mladshiy nauchnyy sotrudnik

System of measures against scale insects. Zashch. rast. ot vred. i bol.
(MIRA 18:7)
10 no.6:45-47 '65.

1. Mezhrayonnyy karantinnyy inspektor, Tiraspol'skiy karantinnyy punkt
(for Motynga). 2. Botanicheskiy sad sovkhoza "Dekorativnyye kul'-
tury", Nal'chik-Dolinsk (for Balov).

MOTYREVA, A. N., Cand Biol Sci -- (diss) "The Mutual Relationship of Several Components of Intermediate Carbohydrate Metabolism with the Production of Milk and Butter Fat in Cows of the Tagil'skaya Breed." Leningrad, 1958, 18 pp (Academy of Sciences USSR; Inst of Physiol im I. P. Pavlov) 100 copies, no price given (KL, 21-50, 121)

MOTYUSHKIN, D.P.

Literature on 100th anniversary of N. E. Vvedenskii's death. *Fiziol.*
zh. SSSR 39 no.2:247-249 Mar-Apr 1953. (CLML 24:3)

1. Leningrad.

S/196/62/000/016/003/011
E194/E155

AUTHOR: Motzke, K.

TITLE: Magnetic field-induced anisotropy in Ni-Fe-ferrites

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no. 16, 1962, 2, abstract 16 B 4. (Abhandl. Dtsch.
Akad. Wiss. Berlin Kl. Chem., Geol. und Biol.,
no. 3, 1961, 27-30). (German).

TEXT: Polycrystalline Ni-Fe-ferrites with induced anisotropy
were studied. After the specimens had been finally fired in the
form of washers 12 mm in diameter, 2 mm thick, they were cooled to
room temperature with a partial pressure of oxygen that preserved
the single-phase structure. The specimens were then submitted to
thermal and magnetic treatment at 400 °C for 0.5 hours and slowly
cooled in a field, after which the maximum constant of induced
anisotropy was about 1500 ergs per gram (for the composition
 $Ni_{0.5}Fe_{2.5}O_4$). It was found that after the specimens had
been heat-treated in air at 400-500 °C without a magnetic field,
anisotropy could be set up by placing them in a field at room

Card 1/2

Magnetic field-induced anisotropy... S/196/62/000/016/003/01
E194/E155

temperature. The constant of this anisotropy was of the order of 200 ergs per gram; it increased with increasing oxidation of the specimen (firing at 400-500 °C in air) and reached a maximum value for the composition $\text{Ni}_{0.5}\text{Fe}_{2.5}\text{O}_4$. In highly-oxidised specimens the anisotropy was less because of decomposition of the Spinel phase with evolution of hematite. The induced anisotropy was investigated as function of time (at room temperature). A theoretical explanation of the observed effects is offered.
3 illustrations, 4 references.

ASSOCIATION: Inst. für Magnetische Werkstoffe der Deutschen Akademie der Wissenschaften zu Berlin, Jena, GDR
(Institute for Magnetic Materials of the German AS in Berlin, Jena, East Germany).

[Abstractor's note: Complete translation.]

Card 2/2

USSR

Accommodation of a motor nerve to stimulation by exponentially
increasing currents of short duration. II. L. Matzny. C. R. Acad.
Sci. U.R.S.S., 1954, No. 65-66. Classical-type experiments by
on the frog's nerve-muscle prep., using threshold for muscular con-
traction. No non-Russian col. (Russian) G. S. Birsulev.

RAFL, J.; MOUCHA, I.

Artistic considerations in designing motor vehicles.
Automobil 7 no.1:22-30 Ja '63.

1. Zavody 9.kvetna, Jawa, Praha.

KRISTIKA, J.

"A contribution to zoological research in the Lemanova Valley reservation.", p. 34, (SCHRANK F. T. M., Vol. 3, no. 2, May 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, no. 3, Library of Congress, August 1953, 'Incl.'

MOUCHA, J.

SCIENCE

PERIODICALS: Československá společnost entomologická, ČASOPIS. ACTA
SOCIETATIS ENTOMOLOGICAE CECOSLOVACARIAE. Vol. 57, 1955

MOUCHA, J. Beometridae of the genus Psodos Tr. living in the high mountains
and the problem of the origin of its species in mountainous areas.
p. 183

Monthly List of East European Accessions (EAI) LI, Vol. 8, No. 5
May 1955, Unclass

MOUCHA, J.

Notes on bag-worm moths (Lepidoptera, Psychidae) in Czechoslovakia. p. 93

Vol. 124, no. 1, 1955
CASOPIS; ODDIL PRIRODovedny
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

ROUCHA, J.; CIVALA, V.

"A contribution to the biology of butterflies (Diptera, Tephritidae) in Slovakia. English."

SICRMÍK, P. UVEČNÝČEK, P. ACTA FAUNISTICA PRAGENSIS, Vol. 1, 1964
Praha, Czechoslovakia.

Monthly list of NEW JAPANESE SCIENTIFIC INDEX (NLSI), Library of Congress,
Vol. 3, No. 7, July, 1919

Unclassified

MUCHA, J; NOVAK, I.

"Phytotetrinae of the Eastern Czechoslovakia (Lep. Phalacridae)."

SPOREK & MUNICKOVY PRAGI. ACTA ENTOMOLOGICA CZECHOSLOVACCA, Vol. 1, 1956
Praga, Czechoslovakia

Monthly List of EAST EUROPEAN DOCUMENTS INDEX (EEDAI), Library of Congress,
Vol. 8, No. 7, July, 1959

Unclassified

CZECHOSLOVAKIA / General and Specialized Zoology.
Insects.

P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6687.

Author : Moučka, Josef.
Inst : Silesian Museum of Natural Science.
Title : On the Distribution of the Pieris Bryoniae O.
in the Carpathians.

Orig Pub: Casop. slezsk. musea. Vedy prirod., 1956, No 2,
119-122.

Abstract: The distribution of the P. bryoniae races in
the Western and Eastern Carpathians. Their ex-
ternal characteristics, development, flying sea-
son and habitats.

Card 1/1

5

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001135420009-6

SECRET

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 07-13-2001 BY SP2000/SP2000

SECRET AIRCRAFT LIST - VOL. 1, CH. 1, PAGE 100

SECRET//NOFORN

REF ID: A65712

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001135420009-6"

MOUCHA, J.

Parnassius apollo L. in the Slovak Carpathians. p. 105.
OCHRANA PRIRODY. (Ministerstvo kultury. Statni pece o ochranu
prirody) Praha.
Vol. 11, no. 4, May 1956.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

MOUCHA, J.

CZECHOSLOVAKIA / General and Special Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 4, 1958, 1636⁴

Author : Moucha J., Stys P.

Inst : On the Knowledge of the Fauna of the Bulb Fly
(Diptera, Syrphidae) in the Reservation "Pav-
Pov Hills" during Late Summer. (K poznaniyu
fauny zhurchalok (Diptera, Syrphidae) zapovednika
"Pavlovskiye kholmy v period pozdnyago leta")

Orig Pub: Ochrana prirody, 1956, 11, No 10, 297-299.

Abstract: This is a list of 30 species, including those found in the adjacent reservations: "The Ponds of Lednitski" and "The Pousdrzhan Steppe". The biotopes of the reservation "Paul's hills" were also described.

Card 1/1

MOUCH, J.

"Austrian Syrphid flies; Diptera, Syrphidae. In German."

p. 19 (Sbornik Faunistickych Praci. Acta Faunistica Entomologica, No. 2, 1951,
Praga Czechoslovakia.)

Monthly Index of East European Accessions (EMAI) LC, Vol. 7, No. 6 June 1950.

32-31-020000/General and Specific Analysis, December 1950

Alt. Name : Alatur - Alai, 11/15, 1930, 16121.

Gender : Male, married

Age : 20 years old

Place : Bishkek, Kyrgyzstan, Central Asia, Soviet Union, Europe

Occupation : Clergy. Islamic. Muslim, married, 11/15, 1930, 16121.

Residence : Alatur - Alai, 11/15, 1930, 16121, Bishkek, Kyrgyzstan, Central Asia, Soviet Union, Europe, Kyrgyzstan, (Kyrgyzstan). Clergy. Islamic. Muslim, married, 11/15, 1930, 16121.

Land : 1/1

CZECHOSLOVAKIA / General and Specialized Zoology.
Insects. Systematic and Faunistic.

P

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78220

Author : Moucha, Josef

Inst : Not given

Title : Contribution to the Knowledge of Czechoslovakian
Syrphyidae (Dipt.)

Orig Pub : Prvrodov. sbor. Ostravskeho kraje, 1957, 18,
No. 2, 292-296

Abstract : Gives the economic value of the g. Cheilosia,
and ecologo-faunistic notes on 17 species of
g. Cheilosia and 10 species of other Syrphyidae.

Card 1/1

MOUCHA, J.; ZAHRADNIK, J.

Some natural history museums and scientific research institutes in Austria.
p. 90. (CASOPIS, ODDIL PRIRODVEDNY, Vol. 126, No. 1, 1957, Praha, Czechoslovakia)

SJ: Monthly List of East European Accessions (EEL) LC, Vol. 6, No. 12, Dec 1957. Incl.

POVOLNY, Dalibor, dr., C.Sc. (Brno, Zemedelska 1); MOUCHA, Josef, C.S.
(Praha, Národní muzeum)

On taxonomy of *Narraga tessularia* ilia Whli. with some
observations on the family *Narraga* (Lepidoptera, Geometridae).
Cas entom 59 no.2:152-155 '62.

1. Biologisches Institut der Tschechoslowakischen Akademie
der Wissenschaften und Entomologische Abteilung der
Nationalmuseums.

MOUCHA, J.

"Robber flies of the world" by F.M. Hull. Reviewed by J.
Moucha. Cas entom 61 no.1:80 '64.

"The Journal of Research on Lepidoptera." Reviewed by
J. Moucha. Ibid.:80

MOUCHA, Josef, CSc.; CHVALA, Milan, dr.

Notes on the genus *Therioplectes* Zeiller, 1842 (Diptera, Tachinidae).
Cas entom 61 no.2:100-105 '64.

1. Department of Entomology, National Museum, Prague-Kunratice (for
Moucha). 2. Chair of Systematic Zoology, Charles University, Prague,
2, Vinicna 7 (for Chvala).

OLSUFJEV, Nikolaj Grigorjevic [Olsuf'yev, Nikolay Grigor'yevich], prof
dr. (Moscow D-317, ul. Sedogo 3, kv.34); MOUCHA, Josef, dr. (Prague
1-1700, Vaclavské náměstí 68); CHVALA, Milan, dr. (Prague 2, Vinicna 7)

Chrysozona scutellata sp. n. (Diptera, Tabanidae) from Central
Europe. Cas entom 61 no.3:284-286 '64.

1. Institute of Microbiology and Epidemiology, Academy of Medical
Sciences, Moscow (for Olsufjev). 2. Department of Entomology,
National Museum, Prague (for Moucha). 3. Chair of Systematic Zoology
Faculty of Natural Sciences, Charles University, Prague (for Chvala).

CZECHOSLOVAKIA

PRUZKOVA, V.; MOUREK, J.; Department of Physiology, Faculty of General Medicine (Fysiologicky ustav fak. vseob. lek.), Prague.

"Effect of Hypoxia on Oxidative Phenomena in the Nervous Tissue and on Some Metabolic Parameters in Rat Ontogenesis."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 363.

Abstract: In rats aged 5 and 10 days and in adult rats exposed to 7000 m. hypoxia for 20 minutes, age-dependent variations were shown in QO₂ in the cerebral cortex medulla and liver. Variations in lactacidemia, non-esterified fatty acids and glucose level in the blood in 10-, 14-, 20-, and 30-day-old rats were also determined, confirming previous findings. 2 Czech references. Paper presented at the 15th Physiology Days, Olomouc, 27 May 65.

1/1

CZECHOSLOVAKIA

TROJANOVA, M., KOURK, J., ALKOVA, J.; Physiological Institute,
Faculty of General Medicine, Charles University (Fysiolozicky
Ustav Fak. Vseob. Lek UK), Prague.

"The importance of Glucose, Lactate and Acetoacetic acid Injected
Intraperitoneally on resistance of rats of different ages to
Nitrogen and Stagnant Anoxia."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 113

Abstract: Rats 5, 10, 14 and 20 days old were used in the
experiments. With increasing age protective action of glucose
increases; at 5 days it was not yet apparent. Lactate and
acetoacetic acid protect the youngest rats the best; their
influence is no longer noticeable in 20 day old rats. Mono-
iodoacetic acid destroys the protective action of acetoacetic
acid in 5 day old rats. Czech references. Submitted at
"16 Days of Physiology" at Olomouc, 30 May 65.

1/1

CZECHOSLOVAKIA

SALAMOUN, Miloslav; MOUCHA, Jiri; HEJLEK, Jan; [Affiliation not given].

"Testing of Drug Sterility Under Field Conditions."

Prague, Vojenske Zdravotnické Listy, Vol 35, No 3, Jun 66, pp
103 - 106

Abstract: Simple and safe methods for testing solutions prepared in mobile military units under field conditions are described. The solutions should be suitable for use as infusions and injections. The methods were designed specifically for verifications of the following: solutio natrii chlorati, isotonica (Na is tested by flame coloring, Cl⁻ concentration by mercuric nitrate); solutio glucosi 5% (qualitative by solid cupric sulfate and sodium carbonate, concentration by density); solutio procaini hydrochlorici (total chlorides are determined by mercurimetry). 1 Figure, 2 Tables, 13 Western references.

1/1

- 31 -

MOUCHA, Vaclav

Annual conference of Czechoslovak archeologists at Smolenice. *Vestnik*
CSAV 71 no.4:441-443 '62.

COUNTRY : CZECHOSLOVAKIA Q
CATEGORY : Farm Animals.
 : Poultry.
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25898

AUTHOR : Mouchova, Hana
INST. :
TITLE : Experiments with Hens of the New Hampshire Breed.

ORIG. PUB. : Drubeznictvi, 1958, No 3, 36-37

ABSTRACT : The hybrids of the first generation derived from crossing New Hampshire (NH) hens with White Leghorn (WL) roosters reached a weight of 1.10 kg in 74 days of fattening and the hybrids of NH roosters with WL hens in 70 days, i. e., 20 days earlier than hens of other breeds, a fact which decreased the weekly feed expenditure per each head by 0.5-1.0 kg. The hatching rate of hybrids was 1.5-4 percent higher and the chicks' death rate 3-4 percent

CARD:

1/2

DANIEL, Milan; BOZDECH, Vaclav; MOUCKA, Cyril

Occurrence of Demodex folliculorum (Owen 1843) in man & its epidemiology. Cesk. epidem. mikrob. imun 8 no.1:52-60 Jan 59.

1. Biologicky ustanov Csav (parasitologie) v Praze a Katedra mikrobiologie LFHKU v Praze. M.D., Praha 6, na cvicisti 2.

(MITES

Demodex folliculorum occurrence in man & its epidemiol.
(Cz))

MOUCKA, J.

Principles governing the layout of surface installations of a modern deep mine. p. 5.
UHLI. (Ministerstvo paliv)
Praha, Czechoslovakia
Vol. 1, no. 1, Jan. 1959.

Monthly list of East European Acessions (EEAI), LC, Vol. 8, no. 7
July 1959
Uncl.

MOUCKA, J.

"Planning large deep mines." p. 75.

UHLI. (Ministerstvo paliv). Praha, Czechoslovakia, Vol. 1, No. 3,
Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

KOHN, E.; MOUCKA, J.

Successful treatment of malignant lymphogramiloma with tri(chloroethyl)amine hydrochloride(T.S. 160). Voj. zdrav. listy 20 no.2:33-85 Mar-Apr 1951. (CML 20:11)

KOZLIK, Vl.; MOUCKA, J.; MAKOC, Z.

Some pharmacological properties of d-cycloserine and dl-cycloserine.
II. Česk. farm. 12 no.2:78-84 F '62.

1. Statni ustav pro kontrolu leciv, Praha -- Ustav leteckeho
zdravotnictvi, Praha.
(CYCLOSERINE) (PHARMACOLOGY) (MICE) (RATS)
(GUINEA PIGS) (DOGS) (ELECTROCARDIOGRAPHY)

MOUCCA, Ladislav (Maj. MD) (Central Military Hospital in Prague)

Author of article, "Classification of Diseases of the Motor Organs," dealing with 12 groups of diseases affecting the motor organs.
(VZL, Jan 55)

SO: Sum. 600, 1 Aug. 1955,

Moucka, Milan

5
8
0

2

The use of pyrogallolcarboxylic acid as a complexometric indicator. Milos Kovalek and Milan Moucka (Montan-Hochschule, Ostrava, Czech). Z. ANORG. CHIM. 130, 410-20 (1950). Pyrogallolcarboxylic acid can be used to advantage as an indicator in the direct titration of Ca^{++} with 0.1M complexon III soln. A sharp color change of violet-red toward yellow occurs at the end point; the titration succeeds in the presence of Mg^{++} . The titration of Ba^{++} or of Sr^{++} is not recommended on account of the doubtful end point. On the other hand, other alk. earths can be determined as can Ca^{++} , by adding an excess of the complexon soln. and titrating the excess with 0.1M BaCl_2 . The color change of the indicator from yellow to violet-red is sharp. Similar titrations can serve for detg. Pb , Cd , Al , and Zn ions.

W. T. Hall

PM
LSD

M. M. M.

27
Detection of thallium with methyl violet. M. Kovářík
and M. Močka (Munzlan-Hochschule, Ostrava, Czech.)
Anal. Chem. Acta 10, 248 (1957) (in German).—A spot test
for Tl^{+++} is described based upon the blue color formed by
 Tl with methyl violet. To a drop of test soln. add a drop
of Br water, a crystal of sulkosalicylic acid, 2 drops of concd.
 H_2SO_4 , and 2 drops of ab. 0.2% methyl violet soln. Then
add 0.2 ml. of C_6H_6 and upon shaking a blue color appears
in the C_6H_6 phase if Tl is present. Hg, Au, Sb, and Mo also
yield pos. reactions. The interference of Hg, Au, and Sb is
overcome by first reducing them to the metals by means of
metallic Cu in acid soln. VO_4^{--} and WO_4^{--} form blue colors
which, however, are not extd. into C_6H_6 . A. I. U.

4
M. M.

COUNTRY : Poland
CATEGORY :
ABS. JOUR. : RZKnis., 10, No. 22, 1957, p.
AUTHOR : Kovarik, V. and Moucka, M.
FILE :
CRIT. PUB. : Chem Analyst, 3, No. 1-4, 613-618 (1956)
ABSTRACT : It has been established that Tl(+) is a colored solution gives a colored compound with methyl violet in benzene. The product can be readily extracted with benzene with the formation of a blue solution showing maximum light absorption at 610 m μ ; the per 100 ml extract; the concentration of 0.100 g Tl and remains constant over a period of 10 min. The basis of the above date, the authors have

76302

-13-

COUNTRY	:	Poland	R-2
CATEGORY	:		
ABG. JOUR.	:	REKHAJA., No. 20, 1950, pg.	24, 102
AUTHOR	:		
LAST.	:		
FIRST	:		
ORIG. PUB.	:		
ABSTRACT	:	developed a method for the detection and photo-metric determination of Tl. For the detection of Tl, 1 drop of unknown solution in a micro test tube is treated with 1 drop of bromine water (for the oxidation of the Tl^+), 1 grain of sulfosalicylic acid (for the reduction of excess bromine), 2 drops of conc HCl, 2 drops of a 0.2% aqueous solution of I, and 0.2 ml benzene; in the presence of Tl the benzene layer takes on a blue color (pD [sic] = 6). For the determination	
CARD:	2/3		
ORIG. PUB.	:	92	
ABSTRACT	:		

MOUCKA, Milan, inz.; KUBINOVA, Alena, inz.

Quick determining the manganese by the method of dead-stop titration
in metallurgical materials. Hut listy 16 no.12:894-895 D '61.

1. Vyzkumny a zkusebni ustanov, Nova Hut Klementa Gottwalda, Kuncice.

(Manganese) (Metallurgy)

MOUCKA, Milan, inz.

X-ray spectral analysis of metallurgic nonferrous materials. Pt.1.
Hut listy 18 no.6:434-436 Je '63.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda,
Ostrava - Kuncice.

MOUCKA, Milan, inz.

X-ray spectrum analysis of nonferrous metallurgic materials.

Pt. 2. Hut listy 18 no. 8: 595-596 Ag '63.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda,
Ostrava - Kuncice.

MOCKA, Milan, inz; VLASTNIKOVA, Iris, inz.

Contribution to the spectral solution analysis of slags.
Hut listy 18 no. 98665-666 S'63.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwaldova,
Ostrava-Kuncice.

L 18609-66

EWP(t)

JD

SOURCE CODE: CZ/0034/65/000/003/0207/0209

ACC NR: AF6010256

AUTHOR: Monicka, Milan (Engineer; Candidate of sciences); Baranek, Jiri (Engineer);
Klika, OttáORG: Research and Materials Testing Institute, NHKG, Ostrava - Kuncice (Vyzkumný a B
zkušební ústav NHKG)TITLE: Determination of the basicity of steel slag, and of FeO content by measuring
the heat of reaction

SOURCE: Hutnické listy, no. 3, 1965, 207-209

TOPIC TAGS: steel, slag, heat of reaction, iron compound, thermistor

ABSTRACT: The importance of the slag composition is discussed. The speed of the determination is important for production control. Authors' method for fast analysis based on the heat of reaction is described. The method uses a thermistor recorder; the apparatus designed for the method, and the method of operating it are described. The calibration curve for the determination of basicity is discussed; accuracy is about 1.5%. The ferrous compounds are oxidized to ferric by hydrogen peroxide or dichromate. Best results were obtained with a 30% solution of the peroxide. As the method gives 5 - 15% lower results, preparation of a correction table is described. The total time of analysis is only 2-3 minutes. Orig. art. has: 5 figures. [JPRSL]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1 of

MOURA, M.

"Preservation of nature and landscape in Switzerland in 1951 and 1952." p. 63. (Ochrana
Prirody. Vol. 8, no. 3, July 1953. Praha.)

SO: Monthly List of ~~Material~~ East European Accessions, Library of Congress, Vol. 3, No. 2, February ~~1954~~ ¹⁹⁵⁴ Incl.

KOUCKA, R.

Koucka, R. Research on the site of the Battle of Galvary Mountain near Velke Ternosely. In: PROSEK, J. (ed.), *Pravy. Vol. 10, no. 4, 1955.*

SO: Monthly list of East European Accessions, (EAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

HOUCKA, R.

The titmouse, Remiz pendulinus L., a remarkable phenomenon of our nature.

p. 189 (Ochrana Prirody) Vol. 12, no. 6, Aug. 1957 Praha, Czechoslovakia

SC: Monthly Index of East European Accessions (EEAI) LC, -Vol. 7, No. 1, Jan. 1958

Moucka, V.

③
10,10'-Dimethyl-9,9'-biscridinium dinitrate as a chemiluminescent indicator. R. Vátrák and V. Moucka (Výzkumný ústav chemického průmyslu, Pardubice-Rybíček). Chem. Zprávy 48, 820-7 (1954). — 10,10'-Dimethyl-9,9'-biscridinium dinitrate (lucigenin) produces chemiluminescence in the presence of an oxidizing agent at pH 9-10. It can be used as an acidobasic indicator for certain titrations.
M. Hudlický

958. Detection with luminol in paper chromatography. V. Monicka and J. Zíkra [Právnická fakulta Univerzity Karlovy v Praze, Československá Česká chem. a farmaceut. Akademie, Královská v. 1, Praha 1, Czechoslovakia]. Chem. Listy, 1955, 50 (2), 312-314. 3-Aminophthalhydrazide (luminol) when oxidized shows a characteristic blue luminescence, e.g., when treated with H_2O_2 in alkaline medium in the presence of some organometallic complexes as catalysts. This phenomenon was used for the detection of luminol and related deriv. and also for detecting peroxidases or some cations (Tc^{3+} , Bi^{3+} and Hg^{2+}) after their previous chromatographic separation. A new method for the preparation and purification of luminol is described.

J. Zíkra

RM
MK

RECORDED IN

CZECHOSLOVAKIA/Industrial Synthesis of Dyes.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65325 H.
Author : Parizek, R., Moucka, V.
Inst : -
Title : Azo Dyes, Derivatives of
Orig Pub : Chem. prumysl, 1957, 7, No 12, 651-652

Abstract : Describes the properties of some azo dyes obtained in the laboratory from derivatives of 5-amonophthalhydrazide (luminol). Rough experiments were conducted for a study of their practical use.

Card 1/1

2/400
S/081/62/000/001/010/067
B156/B101

AUTHORS: Moucka, V., Stary, J.

TITLE: The extraction of a hexavalent uranium complex by dibenzoyl methane

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1962, 107, abstract 1V56 (Collect. Czechosl. Chem. Comms, v. 26, no. 3, 1961, 763-771)

TEXT: The dissociation constant, distribution coefficient and solubility of dibenzoyl methane (HA) in water, benzene, CHCl_3 and CCl_4 are determined. The relationship between the extraction of U^{6+} by solutions of HA in benzene, CHCl_3 and CCl_4 to the pH and the concentration of U and HA is studied. It is established that a type $\text{UO}_2\text{A}_n(\text{OH})_p - (\text{HA})_r$ complex is formed in the aqueous phase, and that extraction follows the equation $\text{UO}_2^{2+} + 3(\text{HA})(\text{org.}) = (\text{UO}_2\text{A}_2\text{HA})(\text{org.}) + 2\text{H}^+$. The equilibrium constant of this reaction is

Card 1/2 X

The extraction of a hexavalent uranium ...
S/081/62/000/001/010/067
B156/B101
equal to $3.30 \cdot 10^{-5}$ in the case of CCl_4 , $7.57 \cdot 10^{-5}$ for C_6H_6 , and $9.55 \cdot 10^{-5}$
for CHCl_3 . An approximate value is computed for the coefficient of distribu-
tion of the neutral complex $\text{UO}_2 \cdot \text{A}_2 \cdot \text{HA}$, and a direct relationship established
between this value and the distribution ratio of HA. [Abstracter's note:
Complete translation.]

Card 2/2

X

MOUDRÝ, F; VANEČEK, V.

Czechoslovakia

Research Institute for Anorganic Chemistry -- Ústí nad
Labem - (*for all*)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No II, 1962, pp 2477-2489

"Distribution function of material transitions in
several mutually found continuous reactions."

CZECHOSLOVAKIA

SARIVANEK, J; HOUDRY, F; NYVLT, J

Research Institute of Inorganic Chemistry,
Usti nad Labem - (for all)

Prague, Collection of Czechoslovak Chemical
Communications, No 2, February 1967, pp 480-488

"On crystallization. Part 20: Distribution of the
sizes of particles in a real crystallizer."

SKRIVANEK, Jaroslav; MOUDRY, Frantisek

Use of analogue computers in chemical engineering. Chem prum 12
no.8t434-437 Ag '62.

1. Vyskumný ústav anorganické chemie, Ústí nad Labem.

VANECEK, V.; MOUDRY, F.; NEMECEK, J.

*Cooling of granular substances in whirling layers. Coll Cz chem
27 no.5:1081-1090 My '62.*

1. Forschungsinstitut fur anorganische Chemie, Usti nad Labem.

MOUDRY, Fr, inz.

Development of new plants for making grof products for metallurgic works. Stavivo 41 no.8:281-285 Ag'63

1. Rudny project, Brno.

EXCERPTA MEDICA Sec.10 Vol.7/2 Obstetrics,etc. 23.5

166. MOUDRY J. Bulovky. Prevence gynekologickych karcinomu *The prevention of gynaecological carcinoma* Čsl. Gynæk. 1953, 18/1 (3-14)

Modern trends in cancer prophylaxis show a shift of emphasis from the search for early carcinoma to the detection of precancerous lesions and preinvasive forms. Progress can come only through further development of cytology, colposcopy, and biopsy, through the realization of regular prophylactic examinations, and through close co-operation in experimental, biochemical and clinical research. The final aim is to find a method which will detect cancer-predisposition. Also, the question of what to do with a typical precancerous or preinvasive lesion has still to be settled. In the prevention of cervical cancer, early detection and repair of lacerations, erosions, leukoplakia etc. is the main point. Gentle and physiological obstetrical methods (no manual dilatation, no high forceps) and inspection and repair of the cervix after every delivery are part of this prophylaxis. As to corporeal cancer, women with late menopause and endometrial hyperplasia must be given special attention. In climacteric women who have to undergo abdominal operations, radical methods rather than conservative should be considered. All major gynaecological operations must be preceded by biopsy. The prevention of ovarian carcinoma is more wishful thinking than reality. More radical methods in operating and periodic examinations of all women are the ways open to us. There is no possible prophylaxis of tubal and vaginal carcinoma, except the avoidance of pessaries in prolapse over prolonged periods (vaginal cancer). For vulval carcinoma, the best prevention is operation for leukoplakia and kraurosis before cancer develops.

Rohan - Valasske Mezirici (X, 5, 16)

MOUDRY, Jiri, Doc., MUDr.

Malignancy of papillary cystadenoma. Cas. lek. cesk. 95 no.2:
46-51 13 Jan 56.

1. Prednosta porod. -gynek. oddeleni Bulovky MUDr. Karel Gross,
prednosta histolog. oddeleni Vyzkumne slozky onkologickeho ustavu
v Praze 8. Vedouci: prof. Dr. Fr. Behounek.
(OVARIES, neoplasms,
papillary cystadenoma, malignant)

MOUDRY, Jiri, Doc. MUDr.; MAJHR, Zdenek, MUDr.

Pathology of the cervix uteri in sterility. Cas. lek. Cesk. 95 no.9
:239-242 2 Mar 56

1. Z oddeleni pro porodnictvi, gynekologii a vyzkum sterility.

Prednosta: Doc. MUDr Jiri Moudry.

(STERILITY, FEMALE, pathology,

cervix, uterine (Cz)

(CERVIX, UTERINE, pathology,

in sterility (Cz)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001135420009-6

ITEM # : 1
CATEGORY : ~~SECRET~~
PERIOD : 1960-1960

TYPE : ~~SECRET~~
SUBTYPE : ~~SECRET~~

NAME, TITLE : ~~SECRET~~

NUMBER : ~~SECRET~~

DATE : ~~SECRET~~
PAGES : ~~SECRET~~

CONTENTS : ~~SECRET~~
APPENDIXES : ~~SECRET~~

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001135420009-6"

MOUDRY, R., inz.

Conference on the lining of rotary kilns. Stavivo 43 no 2:
46-47 '65.

MOULIS, M.

"Conference of Technicians", P. 2, (TECHNICKE NOVINY, Vol. 2, No. 8, Apr. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

MOULIS, M.

A new roofing with outstanding properties., p.6. (Technicke Noviny, Praha, Vol 2,
No. 20, Oct 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6., June 1955, Unclassified

MOULIS, M.

Results gained by the mining methods of Ivo Hofbauer., p.6. (Technicke Noviny, Praha,
Vol 2, No. 20, Oct 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6., June 1955, Uncl

MOULY, R.; DUFOURMENTEL, C.

Comparative advantages and respective indications of free grafts and
autoplasties in the repair of the face in burned patients. Acta chir.
plast. 3 no.3:177-192 '61.

1. Hopital Saint-Louis, Paris (France) Service de Chirurgie Generale
de Docteur J. Mialaret.

(BURNS surg.) (FACE wds & inj.)
(SKIN TRANSPLANTATION)

MOUNDRY, B.

The importance and the measuring of radial deformations of rotary cement kilns. Pt. 2. p. 163.

STAVIVO. (Ministerstvo stavebnictvi) Praha, Czechoslovakia, Vol. 37,
no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7,
July 1959
unclu.

CZECHOSLOVAKIA

MOUR, Karel, MVDr

Pecky

Prague, Veterinarstvi, No 2 [Feb] 1967, pp 87-89

"Occurrence of postnatal paresis in field-work with cows."

MOURA, Aristoteles; KUZ'MIN, L.F.[translator]; FILATOV, A.I.
[translator]; KLESMET, O.G., red.; BORODIN, Yu.V., red.;
DZHATIYEVA, F.Kh., tekhn. red.

[Foreign capital in Brazil] Inostrannyi kapital v Brazili. Pod
red. i s predisl. O.G.Klesmet. Moskva, Izd-vo inostr. lit-ry,
1961. 435 p. Translated from the Portuguese. (MIRA 15:5)
(Brazil--Investments, American)

PITRA, J.; MOURAL, J.; CEKAN, Z.

CSSR

Research Institute for Natural Medicines, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1962,
pp 2985-2988.

"Glycosides Effective for Cardiacs V. Reaction of 14,16 β -Dihydroxy \ddagger
cardenolides with Thionylchloride, and Constitutional Proof of 16 β -
Hydroxystrophanthidine (Strophadogenin)"

3

MOURALOVA-REZKOVA, H.

Attitude of the Ministry of Health to the question of corrective
exercise. Acta chir.orthop.traum.cech. 17 no.9-10:298-299 Russian
transl. 209-300. 1950.
(CIA 20:7)

MOUREK, J.

Health legislations. Cesk. nemoc. 18 no.10:180-181 Dec 1950. (CLML 23:2)

1. Kromeriz.

MOUREK, J.

Requirements for public health officers in Czechoslovakia. Zdravot.
rev. 25 no.12:314-315 Dec 50. (CLML 20:5)

MOUREK, J.

Procedures and activities in surgical wards of unified hospitals. Cesk.
nemoc. 19 no.8-10:123-136 Oct-Dec 1951. (CLML 23:2)

1. Krcmerka.

MOUREK, Jindrich, Dr

What does the specialist expect from the district physician.
Prakt. lek. Praha 35 no.1:15-18 5 Jan 55.

1. Postgraduate courses at Kromeric.
(PHYSICIANS
district physician, special knowledge requirements)

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and Pathological). Blood Circulation. General Problems.

T-5

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50769

Author : Myslivecek, J., Jilek, L., Sedlacek, J., Mourek, J.

Inst : Carolina University of Prague

Title : Methods Using Permanent Vascular Cannulae.

Orig Pub : Univ. Carolina. Med., 1956, 2, No 1, 143-149.

Abstract : A recent modification of methods applying permanent cannulae for internal organs in animals is described. These cannulae are made from silon, polyethylene, or polyvinylbutyrol, and are fastened to a silon net which is wrapped around vessels by sutures. Such cannulae (which are similar to the cannulae of London) make it possible to obtain blood in repeated tests, to measure vessel temperature, to record blood pressure, etc. -- N.N. Blokhin.

Card 1/1

MOUREK, Jindrich

60th Birthday anniversary of professor Frantisek Slabihoudek.

Cesk. zdravot. 5 no.5:296-297 May 57.

(FAMOUS PEOPLE

Slabihoudek, Frantisek (Cs))

MOUREK, J.

Effect of the central nervous system on the development of reactions
of the organism to hypoxia in ontogenesis. Acta physiol. polon. 8 no.3:
471-472 1957.

1. Z Laboratorium Rozwoju Funkcji Nerwowych Instytutu Fizjologii Uniwersy-
tetu Karola w Pradze. Dyrektor: prof. Fr. Karasek.

(CEREBRAL CORTEX, physiology,

eff. of decortication on reaction to postnatal brief
exposures to anoxia in animals (Pol))

(ANOXIA, effects,

in decorticated animals, postnatal brief exposures to
hypoxia (Pol))

MOUREK, Jindrich

Development of oxygen consumption in ontogenesis of the rat after
short-term hypoxia. Sborn. lek. 59 no.6:196-202 June 57.

1. Katedra fysiologie fakulty všeobecného lekarství university
Karlových v Praze. Pracovní skupina vyvoje nervových funkcí. J. M.,
Fysiologický ústav, Albertov, Praha 2.

(ANOXIA, effects,

in young rats, age factor (Cz))

(AGING, effects,

on oxygen consumption responses to anoxia in young rats (Cz))

MOUREK, J.

Effect of decortication on the resistance to anoxia. Cesk. fysiolog. 7
no.3:212-214 May 58.

1. Fysiologicky ustav KU, Praha.

(CEREBRAL CORTEX, physiol.

eff. of decortication on resist. to anoxia (Cz))

(ANOXIA, exper.

eff. of cerebral decortication on resist. in young rats (Cz))

MOUREK, Jindrich

Development of oxygen utilization after short-term hypoxia in guinea pigs. Sborn. lek. 60 no.3:83-87 Mar 58.

1. Katedra fysiologie fakulty všeobecného lékařství Karlovy univerzity
v Praze Pracovní skupina vyvoje nervových funkcí. Adres autora: Dr.
J. M., Fysiologický ústav, Albertov 5, Praha 2.

(ANOXIA, experimental

develop. of oxygen utilization after short-term hypoxia in
newborn guinea pigs (Cs))

(RESPIRATION, physiology
same)

CHECOSLOVAKI /Bunn and Larré. Physiology. Respiration.

Obs Jour: Ref Zbir-Nichl. No 21, 1958, 93283.

Author : Mourek, J.

Inst : ?

Title : Increase in Oxygen Consumption after brief Hypoxia in Ontogenensis in Decorticated Rats.

Orig Pub: Sbor. lekar., 1958, XI, No 3, 96-100.

Abstract: In rats, in which the cortex of the cerebral hemisphere had been removed (c. the 5th day after birth), a reaction of increased consumption of O₂ after hypoxia lasting 5 minutes was produced on the 17th day, and on the 15th day in normal rats. The increment of O₂ consumption was less in decorticated rats. -- From the author's abstract.

Card : 1/1

63

MOUREK, Jindrich (Albertov 5, Praha 2.)

The development of resistance to nitrogen anoxia during the ontogenesis of normal and decorticated rats. Sborn. lek. 60 no.7-8:211-216 July 58.

1. Fysiologicky ustanov fakulty všeobecného lékařství univerzity Karlovy v Praze, prednosta prof. Dr. F. Karásek.

(NITROGEN, injurious effects

survival of normal & decorticated rats in nitrogen atmosphere (Cz))

(CEREBRAL CORTEX, physiology

eff. of early postnatal decortication in rats on survival in nitrogen atmosphere (Cz))

EXCERPTA MEDICA Sec 15 Vol 12/6 Chest Dis. Juhe 59

1467. BLOOD TEMPERATURE IN THE RIGHT AND LEFT HEART AND ITS CHANGES IN RELATION TO PULMONARY VENTILATION AND CARDIAC ACTIVITY - Teplota krve v pravém a levém srdci a její změny v závislosti na ventilaci plic a činnosti srdece - Mourek J. and Krulich L. Fysiol. Úst. Fak. Všeověcného Lék. Karlovy Univ., Praha - SBORN. LEK. 1958. 60/9 (255-258) Graphs 4

The influence of respiration and heart rate on the blood temperature in the right heart and the left ventricle or aorta was investigated in rabbits. Hyperventilation led to a very rapid cooling of the blood in the left and gradual cooling in the right heart. Apnoea raised the blood temperature in the left heart constantly. In the right heart no regular temperature changes were observed. After stimulation of the peripheral end of the vagus, which leads to a slowing or reversible arrest of cardiac activity, a drop of the temperature in the left heart was regularly observed. In the heart the changes usually had a diphasic character. The blood temperature thus not only fluctuates within 24 hr. but also undergoes rapid changes in relation to cardiac activity and pulmonary ventilation. (II. 15, 18)

MOUREK, J.

"Institutes of experimental medicine in Belgrade"

Ceskoslovenska Fysiologie. Praha, Czechoslovakia. Vol. 8, no. 1, Jan 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclassified

EXCERPTA MEDICA Sec 2 Vol 13/5 Physiology May 60

2493. OXYGEN CONSUMPTION DURING ONTOGENESIS IN RATS IN ENVIRONMENTS WITH A HIGH AND LOW OXYGEN CONTENT - Murek J., Dept. of Physiol., Fac. of Gen. Med., Charles Univ., Prague - PHYSIOL. BOHEM. 1959, 8/2 (106-111) Graphs 4 Tables 1

The influence of an atmosphere containing 10% oxygen and that of pure oxygen on the level of oxygen consumption were studied in rats from birth up to the age of 27 days. In very young rats placed for 15 min. in an environment containing 10% oxygen, resting oxygen consumption was reduced by as much as 72%. With advancing age this decrease diminished. From the 24th day the decrease in O_2 consumption was negligible. No change occurred in oxygen consumption of adult rats under the same conditions. In a 100% oxygen environment there was a marked increase in oxygen consumption in very young rats, amounting on the first days to 23%. This later diminished, and by the end of the period concerned (i.e. by the age of 24-27 days) oxygen consumption no longer underwent any change. Measurement of the rectal temperature showed a decrease in the body temperature during 15 min. in an atmosphere with a low oxygen content. In a 100% oxygen environment it rose, particularly in very young rats. No increase was observed after the 17th day.

Hahn - Prague

MOURAK, J.

Development of respiratory rhythm in growing rats before, during and after hypoxia. Cesk. fysiol. 8 no.3:226 Apr 59.

1. Fysiologicky ustav fak. vseob lek. MU, Praha. Predneseno na III. fysiologickych dnech v Brne dne 13. 1. 1959.

(ANOXIA, eff.

on resp. rhythm in growing rats (Cz))

KARASEK, F.; KRULICH, L.; MOUREK, J.

Further contributions to the study of protective effect of
heparin. Cesk. fysiol. 8 no.5:414-415 S '59

1. Fysiologicky ustav, Pak. všeob. lek. MU, Praha.
(RESPIRATION physiol.)
(HEPARIN pharmacol.)

MOUREK, J.

Body weight loss and resistance to anoxia during ontogenes is
in rats. Česk. fysiolog. 8 no.5:420-421 S '59

1. Fysiologicky ustav Fak. všeob. lek. MU, Praha.
(ANOXIA exper.)
(BODY WEIGHT)

MOUREK, Jindrich (Fyziologicky ustanov, Albertov 5, Praha 2.)

Effects of different degrees of hypoxia on oxygen consumption & body temperature during ontogenesis in the rat. Sborn. Lek. 61 no. 1:10-14 Jan 59.

1. Fyziologicky ustanov fakulty všeobecného lékařství univerzity Karlovy
v Praze prednosta prof. MUDr. F. Karásek.

(ANOXIA, eff.

on body temperature & oxygen consumption during ontogenesis in rats (Cz))

(BODY TEMPERATURE

eff. of hypoxia of different degree during ontogenesis in rats (Cz))

(OXYGEN, metab.

eff. of hypoxia of different degree on consumption during ontogenesis in rats (Cz))

KARASEK, Frantisek; MOUREK, Jindrich

Effect of heparin on resistance to anoxia. Sborn. lek. 61 no.4:97-
100 Apr 59.

1. Fysiologicky ustav fakulty všeobecného lekarství University Karlovy v Praze, prednosta prof. dr. F. Karasek. Prof. dr. F. K., Fysiologicky ustav, Albertnov 5, Praha 2.

(ANOXIA, eff.

resist. in rats, eff. of heparin (Cs))

(HEPARIN, effects,

on anoxic resist. in rats (Cs))

MOUREK, J.;POCTOVA, V.

Development of motor activity following hypoxia in developing
rats. Česk. fysiol. 9 no.1:37-38 Ja 60.

1. Fysiologicky ustav fakulty všeob. lek. MU v Praze.
(ANOXIA exper.)
(MOVEMENT physiol.)

MOUREK, Jozef [Mourek, J.]

Effect of the development of conditioned reflexes on the change
in the temperature of the blood entering and leaving the central
nervous system. Zhur. vys. nerv. deiat. 10 no. 1:96-100 Ja-F
'60. (MIRA 14:2)

1. Chair of Physiology, Prague University.
(CONDITIONED RESPONSE) (BRAIN--BLOOD SUPPLY)

MOUREK, J.; POCTOVA, V.

Development of motor activities during hypoxia in autogenesis in rats. Sborn.lek. 62 no.2:43-50 F '60.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze, prednosta prof.dr. Frant. Karasek.
(ANOXIA exper.)
(MOVEMENT physiol.)
(AGING eff.)

MOUHEK, J.; POCTOVA, V.

Development of thermoregulation after short-term starving during
ontogenesis in rats. Sborn.lek. 62 no.5:147-152 1960.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze, prednosta prof.dr. F. Karasek.
(BODY TEMPERATURE physiol.)
(STARVATION exper.)

MOUREK, J.

Effect of sodium malonate on oxygen requirement by the brain tissue
in rats. Sborn.lek. 62 no.10:299-305 O '60.

1. Fysicologicky ustav fakulty všeobecného lekarství University
Karlovych v Praze, prednosta prof. dr. F.Karasek.
(MALONATES pharmacol)
(BRAIN metab)

MOUREK, Jindrich, MUDr.

Prevention in surgery. Cesk. zdravot. 9 no.6:325-327 '61.

1. Vedouci odboru zdravotnictvi ONV v Kromerizi.
(SURGERY OPERATIVE) (PREVENTIVE MEDICINE)

TROJAN, S.; MOUREK, J.

Effect of sodium malonate on nervous system activity in rats
during the course of ontogenesis. Sborn.lek.63 no.2:54-63 F '61.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze, uvednosti prof.dr. Fr.Karasek.
(MALONATES pharmacol)
(REFLEX CONDITIONED pharmacol)

MOUREK, J.

Effect of starvation and surgical interventions on the oxygen requirements in the brain stem and cerebral cortex in rat ontogenesis. Sborn. lek. 63 no.10:294-301 • '61.

1. Fysiologicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. Fr. Karasek.
(CEREBRAL CORTEX metab) (BRAIN STEM metab)
(FASTING exper) (AGING)

MOUREK, J.; TRAVNIKOVA, E.

Effect of repeated blood loss on the development of thermoregulation
during the course of rat ontogenesis. Sborn. lek. 63 no.10:302-308
~~161.~~

1. Fyzicologicky ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze, prednosta prof. dr. Fr. Karasek.
(BODY TEMPERATURE physiol) (AGING)
(ANEMIA exper)